



LUMINAIRE:

100 WATT OR 150 WATT HIGH PRESSURE SODIUM VAPOR CUT-OFF: USE MULTI-TAP VOLT BALLAST, HIGH POWER FACTOR, P.E. BASE, AND TYPE II LIGHT DISTRIBUTION PATTERN UNLESS OTHERWISE SPECIFIED.

250 WATT HIGH PRESSURE SODIUM VAPOR CUT-OFF: USE MULTI-TAP VOLT REGULATOR TYPE BALLAST, P.E. BASE, AND TYPE III LIGHT DISTRIBUTION PATTERN UNLESS OTHERWISE SPECIFIED.

ITT, GENERAL ELECTRIC, OR APPROVED EQUAL.

PHOTO ELECTRIC CONTROL

FISHER-PIERCE 7790B OR APPROVED EQUAL.

LAMP:

100, 150, OR 250 WATT HIGH PRESSURE SODIUM VAPOR, HORIZONTAL BURNING.

STANDARD:

SEE SECTION 307 OF THE CITY OF CHULA VISTA STANDARD SPECIAL PROVISIONS.

TWO-INCH STANDARD GALVANIZED STEEL OR ALUMINUM PIPE BRACKET FOR LUMINAIRE. HANDLE TO FACE STREET.

WIRING:

MINIMUM #8 THW STRANDED COPPER TO SERVICE POINT. NEUTRAL LEG OF LIGHTING CONDUCTORS GROUNDED IN BASE OF STANDARD. HOT LEG OF LIGHTING CONDUCTORS FUSED WITH 10-AMPERE MIDGET FERRULE TYPE FUSE IN PLUG CONNECTOR, IN BASE OF STANDARD. SIZE CONDUCTORS FOR MAXIMUM THREE PERCENT VOLTAGE DROP IN ALL STREET LIGHT CIRCUITS.

#10 THW STRANDED COPPER IN STANDARD.

GENERAL NOTES:

1. LUMINAIRE & PHOTO CELL SHALL BE APPROVED BY CITY ENGINEER PRIOR TO INSTALLATION.
2. STREET LIGHT PLANS SHALL SHOW WIRING FROM SERVICE POINT TO STREET LIGHTS, AND SHALL BE APPROVED BY CITY ENGINEER PRIOR TO INSTALLATION.

FOUNDATION & GROUNDING:

SEE C.V.C.S. 7

REFER TO MANUFACTURER'S DETAIL FOR ANCHOR BOLT SPACING.

Revised:	Original approval date: 7-2-80
CVM 9-06-01	Redrawn By: ARR Date: 7-26-95
	<i>Clifford Svensen</i>
	CITY ENGINEER Date: 11-7-02

CITY OF CHULA VISTA
PUBLIC WORKS DEPARTMENT

STREET LIGHTING
STANDARD

CVCS
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